

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010886

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ H03M7/30, H03M3/02, G10L13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ H03M3/00-11/00, G10L13/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Jitsuyo Shinan Toroku Koho	1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/70769 A1 (Matsushita Electric Industrial Co., Ltd.), 23 November, 2000 (23.11.00),	1-4, 20, 21, 23-27, 43, 44, 46-49
A	Full text; all drawings & EP 1126620 A1	5-19, 22, 28-42, 45
X	JP 2002-15522 A (Matsushita Electric Industrial Co., Ltd.), 18 January, 2002 (18.01.02),	1-4, 20, 21, 23-27, 43, 44, 46-49
A	Full text; all drawings (Family: none)	5-19, 22, 28-42, 45
X	JP 2003-15695 A (Matsushita Electric Industrial Co., Ltd.), 17 January, 2003 (17.01.03),	1-4, 20, 23-27, 43, 46-49
A	Full text; all drawings (Family: none)	5-19, 21, 22, 28-42, 44, 45

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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Date of the actual completion of the international search
14 October, 2004 (14.10.04)

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INTERNATIONAL SEARCH REPORT

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PCT/JP2004/010886

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-372993 A (Matsushita Electric Industrial Co., Ltd.), 26 December, 2002 (26.12.02), Full text; all drawings (Family: none)	1-4, 20, 23-27, 43, 46-49 5-19, 21, 22, 28-42, 44, 45
A		
X	JP 2002-366178 A (Matsushita Electric Industrial Co., Ltd.), 20 December, 2002 (20.12.02), Full text; all drawings (Family: none)	1, 2, 20, 21, 23-25, 43, 44, 46-49 3-19, 22, 26-42, 45
A		
A	JP 2002-252562 A (Sony Corp.), 06 September, 2002 (06.09.02), Full text; all drawings & US 2002/0121999 A1	1-49
A		
A	JP 9-18351 A (Matsushita Electric Industrial Co., Ltd.), 17 January, 1997 (17.01.97), Full text; all drawings & JP 3334437 B2	13-18, 36-41
A		
A	JP 9-23162 A (Matsushita Electric Industrial Co., Ltd.), 21 January, 1997 (21.01.97), Full text; all drawings & JP 3282450 B2	13-18, 36-41